

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 1      | 10/803930   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L2    | 299    | (tub tubular) near2 (shape stucture) same (three-dimensional 3d)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L3    | 37     | L2 and (analysis)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L4    | 46     | L2 and (blood near2 vessel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L5    | 277    | (axis (center near2 line) (central near2 line)) near (tub tubular) near structur\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L6    | 16     | L5 same (vessel colon intestine)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L7    | 212762 | (axis (center near2 line) (central near2 line)) same (tub tubular)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |
| L8    | 20     | L7 and 382/128.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/04 13:17 |

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|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| L9  | 53     | (vessel colon intestine) same display same (1d one-dimensional 1-dimensional) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L10 | 5      | L7 and 345/424.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L11 | 17107  | (vessel colon intestine) and L7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L12 | 75     | L7 and (345/419.ccls. 382/131.ccls. 600/407.ccls. 600/425.ccls.)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L13 | 2      | ("5891030").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L14 | 212762 | (axis (center near2 line) (central near2 line)) same (tub tubular)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L15 | 5      | (image near2 strech\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L16 | 11     | L14 same strech\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |

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|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L17 | 9969 | (345/419.ccls. 382/131.ccls. 600/407.ccls. 600/425.ccls. 382/128.ccls. 345/424.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L18 | 8    | (strech\$3) same (three-dimensional 3d)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L19 | 21   | (strech\$3) same (vessel colon intestine)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L20 | 0    | L19 and L17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L21 | 53   | (strech\$3) same (tub tubular)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L22 | 0    | (strech\$3) same (vessel colon intestine) same (image imaging)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L23 | 0    | L21 and L17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L24 | 3    | (strech\$3) and L17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L25 | 59    | ("4630203"   "4939646"   "5170170"   "5178150"   "5323111"   "5361763"   "5368033"   "5458111"   "5699799").PN. OR ("5891030").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2008/01/04 13:17 |
| L26 | 0     | (strech\$3) near2 struture   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L27 | 3     | ("2004/0223636").URPN.   | USPAT   | OR | ON | 2008/01/04 13:17 |
| L28 | 68    | ("4259725"   "4685070"   "4714997"   "4835688"   "4858129"   "4882679"   "4984157"   "4985834"   "5025375"   "5042077"   "5065348"   "5113357"   "5113490"   "5170347"   "5226113"   "5250933"   "5265012"   "5276785"   "5283859"   "5297074"   "5309356"   "5313567"   "5325472"   "5381518"   "5428725").PN. OR ("5734384").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2008/01/04 13:17 |
| L29 | 8     | ("5038786"   "5622174"   "5638819"   "5891030"   "6151404"   "6212420"   "6331116"   "6456735").PN. OR ("6718193").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2008/01/04 13:17 |
| L30 | 960   | stretch\$3 near2 image   | USPAT   | OR | ON | 2008/01/04 13:17 |
| L31 | 30    | L30 and (tubular tub)  | USPAT   | OR | ON | 2008/01/04 13:17 |
| L32 | 20720 | (maximum near1 intensity near1 projection) (MIP)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L33 | 20715 | (maximum adj intensity adj projection) (MIP)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L34 | 22 | (US-20050196028-\$ or<br>US-20040220466-\$ or<br>US-20040223636-\$ or<br>US-20060155184-\$ or<br>US-20050152587-\$ or<br>US-20020106116-\$ or<br>US-20020193687-\$ or<br>US-20020136440-\$ or<br>US-20020118869-\$ or<br>US-20050245803-\$).did. or<br>(US-5734384-\$ or US-6690816-\$ or<br>US-6151404-\$ or US-5065348-\$ or<br>US-6166740-\$ or US-5699799-\$ or<br>US-6718193-\$ or US-6643533-\$ or<br>US-6272366-\$ or US-6366800-\$ or<br>US-6807292-\$ or US-7149564-\$ or<br>US-6546271-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 13:17 |
| L35 | 2  | L34 and L32   | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 13:17 |
| L36 | 5  | L34 and (reference near2 image)   | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 13:17 |
| L37 | 22 | (US-20060155184-\$ or<br>US-20020136440-\$ or<br>US-20040220466-\$ or<br>US-20050196028-\$ or<br>US-20050152587-\$ or<br>US-20020106116-\$ or<br>US-20040223636-\$ or<br>US-20020193687-\$ or<br>US-20050245803-\$ or<br>US-20020118869-\$).did. or<br>(US-6718193-\$ or US-6643533-\$ or<br>US-6166740-\$ or US-7149564-\$ or<br>US-6366800-\$ or US-6546271-\$ or<br>US-6272366-\$ or US-5734384-\$ or<br>US-6690816-\$ or US-5699799-\$ or<br>US-6807292-\$ or US-5065348-\$ or<br>US-6151404-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 13:17 |
| L38 | 0  | L37 and (cursor adj bar)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L39 | 12 | L37 and (cursor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |

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|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| L40 | 3 | L37 and ((real adj time) real-time)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L41 | 0 | L37 and ((center adj line) near2 correct\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L42 | 0 | L37 and ((center adj line) near2 updat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |
| L43 | 9 | L37 and ((center adj line))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 13:17 |

# Interference Search

## EAST Search History

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1    | 2    | (morphological and tubular and signal and center and line).clm.               | US-PGPUB; USPAT | OR               | ON      | 2008/01/04 14:46 |
| L2    | 2    | (morphological and tub\$4 and signal and center and line).clm.                | US-PGPUB; USPAT | OR               | ON      | 2008/01/04 14:47 |
| L3    | 2    | (morphological and tub\$4 and center and line).clm.                           | US-PGPUB; USPAT | OR               | ON      | 2008/01/04 14:47 |
| L7    | 89   | (structure and tub\$4 and (center near2 line) and curv\$4).clm.               | US-PGPUB; USPAT | OR               | ON      | 2008/01/04 14:49 |
| L8    | 0    | (structure and tub\$4 and (center near2 line) and curv\$4 and reciev\$3).clm. | US-PGPUB; USPAT | OR               | ON      | 2008/01/04 14:49 |